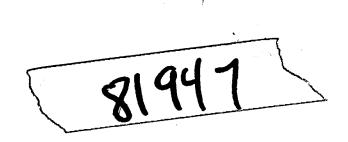
Work Orde	er ID 81947 1:55:28 AM	*81947*									Page 1
Revision ID:	D350-636-011 Skidtube LH		Accept	*N900	040	100	)*	Setup S	Start Stop		S1* S2*
Start Date: Required Date: Reference:	21/03/2012 Start Qty: 1.00 04/04/2012 Req'd Qty: 1.00	*1* *1*		Cust Item : Customer:	<b>i</b> ,						
Approvals:	Process Plan: MLJ	Date: 12/03	ZJ Tooling:	D	ate:		1	Run	Start	*N	R1*
11pp1 0 va.o.	QC:	Date:	SPC (Y/N):		ate:			;	Stop	*N	R2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rejec Qty		eject umber	Insp. Stamp
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D2750 D3492	F C	KSP									
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Part No	):	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
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NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCF	R)		
		Description of NC		Corrective Action Section		Verification	1 Approval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspecto
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DATE	STEP		PR	OCEDURE CHANGE	E	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	<del></del>	_ PAR #:	Fault Category:	NCR:	Yes N	lo <b>DQ</b>	A:	_ Date: _	
	R	esolution:	**	Disposition:	QA: N	/C Clo	sed:		Date: _	
NCR:				WORK ORDER NON-CON	IFORMANCE (	NCR)				
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NCR: WORK ORDER NON-CONFORM								
		Description of NC	Corrective Action Section B			Verification A	Approval	Approval
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Work Order ID 81947  March-21-12 11:55:28 AM				*819	47*							Page
item ID: Revision ID:	D350-636-0	11		Accept	*N900	040	100	)*	Setup S	tart	*N:	S1*
Item Name:	Skidtube LH								S	Stop	*N!	S2*
Start Date: Required Date: Reference:	21/03/2012 04/04/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:						
Approvals:	Process Pla	ın:	Date:	Tooling:	Da	ate:				tart	*NI	R1*
	QC:		Date:	<b>SPC (Y/N):</b>	Da	ate:			S	top	*N	R2*
Sequence ID/ Work Center II		from bendin A/R Alum	744 Cap as per Dwg D275 g as per QSI 004 inum Rod batch: //ʔ/12 lds flush as per Dwg D275	20164	Tool ID es in bend left  BE 12/03/	Tool#  22 12.3	Plan Code	Accept Qty	Reject Qty		Reject Tumber	Insp. Stamp
20 *120* QC Quality Control		QC10- Inspect visual per  Memo	QSI004- ground welds	0.00	l 12.03.29	2						

0.00 50/13/77

QC5- Inspect part completeness to step on W/O

Memo

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Quality Control

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W/O:		WORK ORDER CHAI					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No:		PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
	Resolution:		Disposition:	QA: N/C Closed	l <b>:</b>	Date:

NCR:			WORK ORDE	ER NON-CONFORMANO	CE (NCR)			~ *
		Description of NC	Corrective Action Section B			Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto
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Work Order ID 81947 \*81947\* Page 4 March-21-12 11:55:28 AM D350-636-011 Accept Item ID: \*N900040100\* Setup Start **Revision ID:** Skidtube LH Item Name: Start Qty: 1.00 **Start Date:** 21/03/2012 **Cust Item ID: Required Date:** 04/04/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Process Plan: Date: **Tooling:** Approvals: Date: Stop Date:\_\_\_\_\_ SPC (Y/N): Date:\_ Set Up/ Tool ID Tool # Plan Reject Reject Sequence ID/ Operation Accept Insp. **Work Center ID** Description Run Hours Qty Qty Number Stamp Code 140 Chemical Conversion Coat per QSI005 4.1 0.00 \*140\* HandFinish 0.00 Memo Hand Finishing 150 QC3- Inspect Part Finish 0.00 \*150\* QC 0.00 Quality Control

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W/0: 81	W/O: 81947 WORK ORDER CHANGES						· ·
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
2-3-27	150	Slaudness QC7	7	12-3-2	} }		•
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Part No:	0350-636-011 PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
4	Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:	WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Approval	Approval		
DATE	STEP	STEP	IE SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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March-21-12 1	1:55:28 AM			"819	14 <i> </i> ''						Page 5
Revision ID:	D350-636-0	11		Accept	*N900	040	100	ገ*	Setup Star Stop	1/1	S1*
	Skidtube LH 21/03/2012 04/04/2012	Start Qty: 1.00 Req'd Qty: 1.00		*1* *1*	Cust Item 1 Customer:					^ <b>^</b> N	S2*
Approvals:	Process Pla	ın:	Date:	Tooling:	Da	ate:		]	Run Star	I <i>Л</i>	R1*
	QC:		Date:	SPC (Y/N):	Da	ate:			Stop	` *N	R2*
Sequence ID/ Work Center ID	)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*160* Skidtubes	·	Skidtubes <b>Memo</b>		0.00							
Skidtubes		l-Open up l side) as per dwg I		C and ground handling to 0.625" (to	tal of 8 holes per						
		2-Open up h as per dwg [		to 0.750" (total of 4 holes per side)							
·		3- Open floa	at hole to 0.500"	(4 per side)			X	( D)	.403/27		the
			noles of Detail B structions on she	, C, ground handling and float holes et 8)	s per dwg D2750				. /	1. 1	
		5-Deburr and	d blow out all cl	nips from inside of tube					,	•	1
		6- Prepare tu	ube for welding,	remove alodine as required.		~		_	/ -	っつ	
,			D2739 in place iflex-291	as per QSI 015		— \$	) R	16.10	2130	<b>/</b> <del>/</del>	
		(welding inst	tructions on she	3490-3 and D2743 as per dwg D27: et 8) eh:	50 & QS1004 FE 12-03-29	. ' 7	,	/			
	•	9- At section	AJ-AJ drill out	x-bolt spacer to 0.404"	16 12-43 01						
	· 3	10-Grind we	lds flush as per	Dwg D2750	98	11.	20	4-0	2		,

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W/O:		WORK ORDER	CHANGES					
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Fault Category: \_

NCR: Yes No DQA: \_

Date:

	R	esolution:	Dispositio	n:	QA: N/C Clo	sed:	Date: _	
NCR:			WORK ORDI	ER NON-CONFORMAN	ICE (NCR)			v
		Description of NC	Corrective Action Section B		Verification	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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Work Orde		947		*819	er.			Page (		
Item ID: Revision ID: Item Name:	D350-636-01 Skidtube LH	1		Accept	*N900	<u>04010</u> 0	<b>)*</b> Setu	up Start Stop	IVI	S1*
	21/03/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:	. <i>/</i>		TN.	S2*
Approvals:		n:	Date:	Tooling: SPC (Y/N):	<b></b>	ate:	Run	Start Stop	1/1	R1* R2*
Sequence ID/ Work Center II		Operation Description ~  11-Spot face dwg D2750	ground handling holes so	Set Up/ Run Hours ection (total of 4 places pe	Tool ID er side) as per	Tool # Plan Code	-		Reject Number	Insp. Stamp
170 *170* QC Quality Control		12-Deburr h QC10- Inspect visual per Memo		0.00	24 Juy			4		

180

QC5- Inspect part completeness to step on W/O

0.00

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Quality Control

W/O:		WORK ORDER CHAN	GES			70	, ,
DATE	STEP	PROCEDURE CHANGE By Date					Approval QC Inspector

Part No:	PAR	t #: Faul	It Category:	NCR: Yes No	DQA:	Date:
Re	esolution:	Disp	oosition:	QA: N/C Closed	<b>.</b>	Date:

NCR:			WORK ORD	ER NON-CONFORMANC	E (NCR)			
		Description of NC		Corrective Action Section B	tive Action Section B Verification		Approval	Approva
DATE	TE STEP Description of NC Section A Initial Chief Eng Chief Eng		Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto	

Work Ord March-21-12 1		947		*819	947*							Page 7
Item ID: Revision ID:	D350-636-0	11		Accept	*N900	040	100	)*	Setup	Start	*N	S1*
Item Name:	Skidtube LH							÷		Stop	*N	S2*
Start Date:	21/03/2012	Start Qty: 1.00	*1*		Cust Item 1	ID:						
Required Date:	: 04/04/2012	<b>Req'd Qty:</b> 1.00	*1*		Customer:							
Reference:							_		_	<b>G</b>		
Approvals:	Process Pla	ın:	Date:	_ Tooling: _	D:	ate:			Run	Start	*N	R1*
	QC:		Date:	_ SPC (Y/N):	D:	ate:				Stop	*N	R2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Re		Reject Number	Insp. Stamp
190		Pressure Wash per QSI0	05 4.3	0.00							,	
*100* HandFinish		Memo		0.00			l	XØ	1/1	Not	12/	) )4/1//
Hand Finishing		Re-alodine t	tube as per QSI 005 section	1 4.1.2.1 do not acid etch								11.7
200		White Gloss(Ref:4.3.5.1)	) per QSI005 4.3-Alum	0.00								
*200* Powdercoat		Memo		0.00					Ø	<u></u>	2P)	12/04/09
Powder Coating		START TIM OVEN TEM FINISH TIM	1E: <u>                                    </u>	F MIZ	2220							
210		QC7 Inspect Chemical C	Conversion Coat	0.00							Dia	
*210*		Memo		0.00							DL1	2-4-20

Inspect for foreign object per QSI 024

Quality Control

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W/O:			WORK ORDER	CHANGES				
DATE	STEP		PROCEDURE CHANGE	В	y Dat	e Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #: _	Fault Category:	NCR: \	es No	DQA:	Date: _	
	R	esolution:	Disposition:	QA: N/	C Closed:		Date: _	
		I	WORK ORDER MON OOM	EODRANIOE A	1001			· · · · · · · · · · · · · · · · · · ·

NCR:			WORK ORDER NON-CONFORMANCE (NCR)												
		Description of NC		Corrective Action Section B		Verification	Approval	Approval							
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector							
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er ID 81	947		*819	47*							Page 8
D350-636-0 Skidtube LH 21/03/2012 04/04/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*	Accept		ID:	100	<b>)</b> *	Setup	Start Stop	*N:	S1* S2*
		Date:	_ Tooling: _ SPC (Y/N):	·			J		Start Stop		₹1* ₹2*
•	Operation Description HandFinishing Memo 1- Install install	erts as per Dwg D2750	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject	Insp. Stamp 12/04/2
	2-Spray insid 3-Install blad per dwg D27 SIKA FLEX BATCH: EXP DATE:	de of tube with "LPS-3" le fitting D3488-041, were 50 241 (71221 13/61	-					8		P	<u>  12/04</u> /20
	:55:28 AM D350-636-0 Skidtube LH 21/03/2012 04/04/2012  Process Pla QC:	D350-636-011  Skidtube LH  21/03/2012 Start Qty: 1.00  04/04/2012 Req'd Qty: 1.00  Process Plan:  QC:  Operation Description  HandFinishing  Memo 1- Install ins  HandFinishing  Memo 1-Inspect for 2-Spray insid 3-Install blactor dwg D27 SIKA FLEX BATCH: EXP DATE:	D350-636-011  Skidtube LH  21/03/2012 Start Qty: 1.00 *1*  04/04/2012 Req'd Qty: 1.00 *1*  Process Plan: Date:  Operation Description  HandFinishing  Memo 1- Install inserts as per Dwg D2750  HandFinishing  Memo 1-Inspect for Foreign Objects 2-Spray inside of tube with "LPS-3"  3-Install blade fitting D3488-041, weaper dwg D2750  SIKA FLEX 241 BATCH: 12121 EXP DATE: 13/61	D350-636-011	D350-636-011	D350-636-011	D350-636-011	D350-636-011	D350-636-011	D350-636-011	Accept

5-Coat all exposed fasteners with "LPS Procyon" batch: 114 598

W/O:		WORK ORDER CH	ANGES				, ,
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #: Fault Category:	NCR: Yes	No DO	Δ.	Date:	<u> </u>

	Corrective Action Section B	sed:	ed: Date:					
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)			
		December of NC		Corrective Action Section	on B	Verification	A	A
DATE	STEP					Section C	Approval Chief Eng	Approval QC Inspector

Work Ord March-21-12 1		947		*819	747*				***************************************			Page 9
Item ID: Revision ID: Item Name:	D350-636-0 Skidtube LH	11		Accept	*N90	<b>0040</b>	100	ገ*	Setup	Start Stop	. 13	S1* S2*
Start Date: Required Date: Reference:	21/03/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Iten Custome						I VI	
Approvals:		ın:		Tooling: SPC (Y/N):		Date:			Run	Start Stop	"	R1* R2*
Sequence ID/ Work Center II 240 *240* QC Quality Control	D	Operation Description QC5- Inspect part compl	eteness to step on W/O	Set Up/ Run Hours 0.00 517(LC	Tool ID	Tool#	Plan Code	Accep Qty	t Rej Qty		Reject Number	Insp. Stamp
250 *250* Packaging Packaging		Pick Kit <b>Memo</b>		0.00				1×-			73	204-
260 *260* QC Quality Control		QC4- 100% Inspect kits:  Memo  ******ensur	for completeness  e antiseize is on AN8C21		u 70			fil	)	AND 18-18-18-18		

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W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Category:	NCR: Yes	No DQ	A:	Date: _	
	Resolution	on:	Disposition:	QA: N/C (	Closed:		Date: _	
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)													
		Description of NC		Corrective Action Section E	}	Verification	Approval	Approval							
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector							
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Work Ore	der ID 81 11:55:28 AM	947		*819	47*				Page 10
Item ID: Revision ID: Item Name:	D350-636-0 Skidtube LH	11		Accept	*N900	<b>040100</b>	)* 5	Setup Star	14.51
Start Date: Required Dat Reference:	21/03/2012 e: 04/04/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I. Customer:	D:			
Approvals:	Process Pla	an:	Date:	Tooling: SPC (Y/N):		ite:	F	Run Start Stop	"NR1"
Sequence ID/ Work Center 270 *270* Packaging Packaging	ID	Operation Description  Packaging  Memo Package as	per PPP D350-636-011	Set Up/ Run Hours 0.00 CO	Tool ID	Tool # Plan Code	Accept Qty	Reject Qty	Reject Insp. Number Stamp

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QC21- Final Inspection - Work Order Release

Memo

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Quality Control

12-04-20

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W/O:			WORK ORDER CHANGES											
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	R	esolution:	Disposition	1:	_ QA: N/	C Clo	sed:		Date: _					
NCR:			WORK ORDE	R NON-CONFORMA	NCE (N	ICR)								
		Description of NC		Corrective Action Secti	on B		Verific	ation	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		gn & Date	Secti		Chief Eng	QC Inspector				
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### **Picklist Print**

March-21-12 11:55:31 AM

Work Order ID: 81947

\*81947\*

Parent Item:

D350-636-011

\*D350-636-011\*

Parent Item Name: Skidtube LH

**Start Date: 21/03/2012** 

**Required Date:** 04/04/2012

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:I 02.09.25 Rearranged procedure steps KJ As per Rev D IPP Rev:J 06-03-23 JLM

IPP Rev:K 06-07.13

As per dsi9343

EC

IPP Rev:L 07-07-28 Added SS Wearplates(Rev E) JLM Verf:EC IPP Rev:M 08-04-22 update steps 4, 13 DD verified by:EC

IPP Rev:N 08-09-23 revF as per dwg DD verified by:ec

IPP Rev:O 09-02-06 apply antiseize on AN8C21A bolts as per PAR09-010 DD verf:EC

IPP Rev:P 10.06.22 revise

seq110 DD verf:EC

IPP Rev:Q 10.10.01 as per IIN revH

DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3492-1		Manufactured	No			230	Each	106.0000	8	8			
*D3492-1*					•				**	7	00	12/0	1/20
				Location	010121	Loc	Qty	Loc Code					
				FP002	8/765		106						
					69531 74444		8 2		_		_		
					76235		4				_		
					77037		92		_				
D3492-3		Manufactured	No			230	Each	45.0000	8	8			,
*D3492-3*									**	9 (	DP)	12/0	4/10
				Location	22 15/0	Loc (	Qt <u>y</u>	Loc Code					
				FP-A	83099		45						
					78600		45				_		

W/O:			WO	RK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CHAP	IGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Categ	ory:	_ NCR:	Yes N	lo <b>DQ</b>	<b>A</b> :	Date: _	
j.41	R	esolution:	Disposition	:	QA: N	C Clo	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (I	VCR)				
		Description of NC		Corrective Action Sec	tion B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section		Chief Eng	QC Inspector
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Work Order ID: 81947			1947*						
Parent Item: D350-636-011 Parent Item Name: Skidtube LH		*[	)350-636-C	111*		S.	tart Datas	21/03/2012	Required Date: 04/04/2012
Parent Item Name: Skidduoc Eff							Start Qty:		Required Qty: 1.00
NAS1611-010	Purchased	No		230	Each	185.0000		8	
*NAS1611-010*							**	8	(S) 12/04/20
			<b>Location</b>	Le	oc Qty	Loc Code			
			FP		50				_
			110915 120770		0 50			-	_
•			FP001		135				_
			110915		14				
			117460		8				_
			118077		1				
			118612		3				-
			119438 120308	_	47 12				- &a
			120986		50				- (1)
NAS1149D0863J	Purchased	No		250	Each	227.0000	2	2	
*NAS1149D0863.							**	St.	12-04-20
			<b>Location</b>	<u>L</u> c	oc Oty	Loc Code			•
			ST298		227				
			118078		36				_
			1 <u>19307</u> 120308		91 100			<del>_</del>	_
D2744	Manufactured	No	120306	110	Each	56.0000	1	1	_
	Manuractured	140		110		50.0000	**	1	00 12/02/0
*D2744*							^^		St 1403/2
·			<b>Location</b>	Lo	e Oty	Loc Code			
			LG002		56				_
			62715 70881		l O				_
			71861		4				_
			78900		42				<del></del> 
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W/O:			W	ORK ORDER	CHANGES					
DATE	STEP		PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		·	· · · · · · · · · · · · · · · · · · ·							
Part No	:	PAR	#: Fault Cat	egory:	NO	CR: Yes	No DQ	A:	Date: _	
	Res	olution:	Dispositi	on:	Q,	A: N/C (	Closed:		Date: _	•
	<u> </u>		WORK ORE	DER NON-CON	JEORMANC	F (NC	:R)			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	Verification	Approval	Approval					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector				
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				*								
				•								
					*							

March-21-12 11:55:31 AM									Page 3
Work Order ID: 81947		*819	47*						W1
Parent Item: D350-636-011 Parent Item Name: Skidtube LH			50-636-	<b>011*</b>			tart Date: 2 Start Qty:	21/03/2012 1.00	Required Date: 04/04/2012 Required Qty: 1.00
D2600-3-BENT	Manufactured	No		110	Each	18.0000	1	1 9	NM N
*D2600-3-RFNT*							**	W	Cost 12-03-21
			ocation	<u>L</u>	oc Qty	Loc Code			
		LC			18				
			66875 73253		7			-	<del></del>
			75233 75021		1				
			75022		1				
			75023 ` 81330		1				
			81339	1.00	7	21 ( 0000	0		<u> </u>
D2743	Manufactured	No		160	Each	216.0000		8	, ,
*D2743* Crossbolt Spacer							**		BE 12/03/29
			ocation	<u>L</u>	oc Qty	Loc Code			
		LC	6001		216			-	<u> </u>
			67766 68251		4 3				
			73403		64				<del></del>
			74445		1				
			78603		44				<u> </u>
			79517		100			8_	<u> </u>
D2739	Manufactured	No		160	Each	6.0000	1	1	
*D2739*							**		
350 I Beam									1 -2 2
		Lo	cation	<u>L</u> e	oc Qty	Loc Code			8,508 76,03-27
•		LC			6			*****	2/300 / YOJ
			72155		1				
			80083		5				<u> </u>

Dait Aci	Ospace	Liu							
W/O:			WO	RK ORDER CHANGE	S				
DATE	STEP	PR	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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,									
Part No	•	PAR #:	Fault Categ	jory:	NCR: Yes	s No DO	PA:	Date: _	
	R	esolution:	Disposition	l:	QA: N/C	Closed: _		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC		n B	Verif	ication	Approval	Approval	
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		tion C	Chief Eng	QC Inspector
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									1

68

616

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118966

120671

120410

120451

ST282

Dart Ae	rospace L	.ta							•
W/O:			WO	RK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Categ	jory: NO	R: Yes	No DQA:		_ Date: _	
	Res	olution:	Disposition	ı: Q/	A: N/C CI	osed:		_ Date: _	<u>.</u>
NCR:			WORK ORDE	R NON-CONFORMANC	E (NCR	()			
		Description of NC		Corrective Action Section B		Verificat	tion	Approval	Approval
DATE	STEP	Section A	Initial Chief Fine	Action Description	Sign &	Section		Chief Eng	QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	Verification	Approval	Approval					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto				
								1				

W/O:			WORK ORDER	CHANGES				•		
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Category:	NCR: Yes	s No <b>DQ</b>	A:	Date: _			
	Resolu	tion:	Disposition:	QA: N/C	Closed:		Date: _			
NCR:		N	WORK ORDER NON-CON	IFORMANCE (NO	R)					

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section E	Verification	Approval	Approval					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector				
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Picklist Print March-21-12 11:55:32 AM										Page 6
Work Order ID: 81947  Parent Item: D350-636-011		*8194								
Parent Item Name: Skidtube LH		"D.35C	)-636-0°	11*			tart Date: 2 Start Qty: 1		Required Da Required Q	te: 04/04/2012 ty: 1.00
D3488-041  *D3488-041* Blade Fitting Assembly, LH	Manufactured	No		230	Each	15.0000	1 <b>**</b>	1	(A)	12/04/20
		<u>Locati</u> FP002		<u>Lo</u> .	15 1 6 8	Loc Code			- - -	·
D3794-3 *D3794-3* Gasket	Manufactured	No		230	Each	29.0000	1 **	1		12/04/20
		<u>Locati</u> FP002	74530 78895 80436	Loc	29 2 3 24	Loc Code			- - -	
AN6C44A *AN6C44A* BOLT	Purchased	No		230	Each	95.0000	4 <b>**</b>	4 -\forall		12/04/20
		Location FG ST343	103964 120143 120465 120641 121013	Loc	Oty 2 2 93 25 27 21 20	Loc Code			- - - -	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	*Approval QC Inspector
Part No	:	PAR #: Fault Category: NC	R: Yes	s No DQ	A:	Date: _	

Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	•	Verification	Approval	Approval				
DATE	STEP	Section A			Sign & Date	Section C	Chief Eng	QC Inspector				
		·		•								
				4,								

NOTE: Date & initial all entries

Resolution:

March-21-12 11:55:32 AM						Page 7
Work Order ID: 81947	···	*8	1947*	<del>-</del> ···		
Parent Item: D350-636-011 Parent Item Name: Skidtube LH			)350-636-0°	11*	<b>Start Date:</b> 21/03/2012 <b>Start Qty:</b> 1.00	Required Date: 04/04/2012 Required Qty: 1.00
MS21083C8	Purchased	No		230 Each	79.0000 1 1	
*MS21083C8*					**	CP) 1404/20
			<u>Location</u> FP002 115884	<u>Loc Qty</u> 1 1	Loc Code	
			ST303 115884	12		
			118077 119309 119436 119638	1 2 7 2	<u> </u>	
			ST304 120142 120731	66 16 25		
D3536-25	Manufactured	No	121011	25 230 Each	14.0000 I 1	
*D3536-25*					**	(DP) 12/04/20
•			Location FP002 81 342-78902	Loc Qty	Loc Code	
D3631-1 ** *D3631-1 ** Washer	Manufactured	No	78902	14 230 Each	191.0000 8 8	P) 12/04/20
			Location ST072 68062 75548	Loc Oty 191 2 189	Loc Code	_ _ 

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W/O:			W	ORK ORDER CHANG	GES					
DATE STEP		PROCEDURE CHANGE			В	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								:		
	,									
Part No	•	PAR #:	Fault Cate	gory:	NCR	l: Yes N	lo DQA:		Date:	
Resolution:			Disposition: Q		QA:	QA: N/C Closed:			Date:	
NCR:		V	VORK ORD	ER NON-CONFORM	ANCE	(NCR)		•		
		Description of NC	Corrective Action Section B		ction B		Verifica	erification	Approval Chief Eng	Approval
DATE	STEP	Section A	Initial	Action Description		Sign &	Section C	QC Inspector		

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE		Description of NC	Corrective Action Section B			Verification	Approval	Approval		
	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector		
					-					

March-21-12 11:55:32 AM

Work Order ID: 81947

81947

Parent Item:

D350-636-011

Parent Item Name: Skidtube LH

\*81947\*

\*D350-636-011\*

**Start Date:** 21/03/2012

**Required Date:** 04/04/2012

Start Qty: 1.00

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15.0000

Loc Code

0.0000

Required Qty: 1.00

D3791-1

\*D3791-1\*

Wearplate

AN960C10L

NAS1149C0332 Purchased

, No

No

\*AN960C10I \*

washer D2745

Manufactured No

Manufactured

\*D2745\*

Bushing

Locatio	<u>ın</u>	/ <u>L</u>	oc Qty
FP002	92168 V		15
	62239		2
	75041		1
	78897		12
		230	Fac

230

Each

121255

230 Each

\*\*

38

38 (1

38

12/04/20

112.0000 8 **\*\*** 

8 07

12/04/20

Location VI964	Loc Qty
FP 81401	100
79518	100
FP001	12
69529	1
76142	1
78597	10

Loc Code

\_\_\_\_

Dait Aci	ospace	5 Ltd							
W/O:			WC	RK ORDER CHANGES					, ,
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									٠
Part No	•	PAR #:	Fault Categ	gory: N	CR: Yes	No DQA		Date:	
Resolution:		esolution:	Disposition: QA		A: N/C Closed: Date:				
NCR:	Market Ma	\	WORK ORDE	ER NON-CONFORMANC	E (NCR	)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng			Verification Section C		Approval QC Inspector
	·								
					-				

Picklist Print  March-21-12 11:55:32 AM				Page 9
Work Order ID: 81947	*81947*			
Parent Item: D350-636-011	*D350-636	· 011*		
Parent Item Name: Skidtube LH	, jugaau-nar	)-( )	<b>Start Date:</b> 21/03/2012 <b>Start Qty:</b> 1.00	Required Date: 04/04/2012 Required Qty: 1.00
AN3C5A Purchased	No	230 Each	1,338.000 34 34	,
*AN3C5A*			** 37	QB 12/04/20
	<u>Location</u>	Loc Qty	Loc Code	
	FP001	7		
	115835	7		
	ST350	1331		
	116419	28		
	117343	13		
	117764	7		<u> </u>
	117872	2		
	119749 120423 •	23		
	1210168	758 500		<del></del>
D3537-1 Manufacture		230 Each	105.0000 3 3	
*D3537-1* Wearpad	vu ···	<b>200</b>	** _ 3	@ 12/04/20
· · · · · · · · · · · · · · · · · · ·	<u>Location</u>	Loc Qty	Loc Code	
	FP001 73+1	6		
	79833	46		
	79835	54		
	FP002	5		
	69817	5		
NAS1149C0832R Purchased	No	230 Each	301.0000 1 1	
*NAS1149C0832R*			**	(P) \2/04/20
	<b>Location</b>	Loc Qty	Loc Code	
	ST297	301		
	114915	301	e-474.57	<u> </u>

W/O:		WORK ORDER CHANG	WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	•	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date: _	•			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC	(	Corrective Action Section E	3	Verification	Approval	Approval				
DATE	STEP	Section A			Sign & Date	Section C	Chief Eng	QC Inspector				
		÷										
NOTE: D	ate & initial a	Il entries				]		<u> </u>				

Picklist Print March-21-12 11:55:32 AM										Page 10
Work Order ID: 81947		*819	47*				-			
Parent Item: D350-636-011 Parent Item Name: Skidtube LH			50-636-0	11*			tart Date: 2 Start Qty: 1		_	d Date: 04/04/2012 ed Qty: 1.00
*AN3C6A* BOLT	Purchased	No		230	Each	571.0000	4 **	4		12/04/20
		<u>Lo</u>	cation	<u>L</u>	oc Qty	Loc Code				
		FP	100		1			***************************************	*Added	
			111982		1					
		ST	351		570					
			111982		2					
	. *		116419 116549		23				· · · · · · · · · · · · · · · · · · ·	
			116704		2 12					
			117619		10			-		
			117688		1				<u> </u>	
			117872		5					
			118422		13					
			119449 120423		21 81					
			120693		400				<del></del>	
NAS1611-013	Purchased	No		230	Each	144.0000	8	8	_	
*NAS1611-013*							**	8	(A)	12/04/20
		Lo	cation	<u></u>	c Oty	Loc Code				
		FP	001 iz/166		144					
			116582		5					

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W/O:			WO	RK ORDER CH	ANGES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			· · · · · · · · · · · · · · · · · · ·							
Part No	•	PAR #:	Fault Categ	jory:	NCI	R: Yes	No DQ	A:	_ Date: _	
	Re	esolution:	Disposition	ı:	QA	: N/C CId	sed:		Date: _	
NCR:			WORK ORDE	R NON-CONFO	RMANCE	(NCR	)			
		Description of NC		Corrective Action	Section B		Verific	ation	Annroval	Approval
DATE	STEP	Section A	Initial Action Description Chief Eng Chief Eng			Sign & Date	Verification Section C		Approval Chief Eng	QC Inspector

March-21-12 11:55:32 AM

Work Order ID: 81947

Parent Item:

D350-636-011

Parent Item Name: Skidtube LH

\*81947\* \*D350-636-011\*

**Start Date:** 21/03/2012

**Required Date: 04/04/2012** 

Start Qty: 1.00

Required Oty: 1.00

D3535-25

\*D3535-25\*

Wearshoe

D3794-1

MS21043-6

Manufactured

Manufactured

Purchased

230

230

17.0000

Loc Code

Loc Code

\*\*

Location FP001 62233 80331 FP002 77617

14 13 3

200

500

Loc Qty

Each

3 Each 22.0000

\*\*

Location Loc Oty FP002 22 75042 10 80435 \ 12 230 Each

797.0000 \*\*

\*MS21043-6\*

\*D3794-1\*

No

No

Location Loc Qty FG 20 103693 20 ST301 777 112314 71 117887 6

118384

120308

Loc Code

	<del></del>								
W/O:			V	VORK ORDER CHANGE	S				
DATE	STEP	PRO	CEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Ca	tegory:	A:	_ Date: _			
	R	esolution:	Disposit	ion:	QA: N/C C	losed:		Date: _	
NCR:		V	WORK OR	DER NON-CONFORMA	NCE (NCI	₹)			
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
DAIL	SILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		on C	Chief Eng	QC Inspector
		}							
							.,		

### **Picklist Print**

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Work Order ID: 81947

Parent Item:

D350-636-011

Parent Item Name: Skidtube LH

\*81947\* \*D350-636-011\*

**Start Date:** 21/03/2012

**Required Date:** 04/04/2012

Start Qty: 1.00

Required Qty: 1.00

D3493-1

Manufactured

No

Purchased

250

Each 62.0000

MS21083C8

<b>Location</b>	Loc Q	t <u>y</u>	Loc Code
ST050		62	
70697		2	
77573		20	
78835		40	
	250	Each	79.0000

79.0000

Location	Loc Qty	Loc Code	
FP002	1		
115884	1		
ST303	12		
115884	0		
118077	1		
119309	2		
119436	7		
119638	2		-
ST304	66		
120142	16		
120731	25		
121011	25		$-\lambda$

W/O:         WORK ORDER CHANGES           DATE         STEP         PROCEDURE CHANGE         By         Date         Qty         Approval Chief Eng / Prod Mgr           Prod Mgr         Prod Mgr         Prod Mgr         Date:         Date:							·	ospace Lia	Dait Aci	
Part No: PAR #: Fault Category: NCR: Yes No DQA: Date:				CHANGES	WORK ORDER				W/O:	
Part No:	Qt	Date	Ву		PROCEDURE CHANGE			STEP		
Part No:										
Part No:										
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Part No:								<b>.</b>		
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Resolution: Disposition: OA: N/C Closed: Date:	)A: _	No DC	CR: Yes	NC	Fault Category:	PAR #:		•	Part No:	
nesolution bisposition batter batter	***************************************	losed: _	A: N/C CI	Q,	Disposition:		olution:	Resolu	٠	
NCR: WORK ORDER NON-CONFORMANCE (NCR)		R)	E (NCF	NFORMANC	WORK ORDER NON-CO			NCR:		

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B		Verification	Approval	Approval QC Inspector				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng					
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	March*21-12 11:55:32 AM										Page 13	
	Work Order ID: 81947		*8	1947*								-
•	Parent Item: D350-636-011 Parent Item Name: Skidtube LH			350-636	-011*							
	rarent Hem Name: Skidtude Eli							art Date: 2 tart Qty: 1.			ed Date: 04/04/2012 ed Qty: 1.00	
$\leq$	*AN8C21A *AN8C21A* BOLT	Purchased	No		250	Each	67.0000	2 **	2 	)		_
				<b>Location</b>	<u>I</u>	oc Qty	Loc Code				· <del>-</del>	
				ST343 118758 120094 120872 121067		67 5 38 4 20			20/	  		
	*NAS1515H3L * WASHER **	Purchased	No		230	Each	172.0000	4 **	4 (		12/04/20	_
				Location FG 102472 ST277 118686 119438 120072 120360		40 40 132 3 1 32 96	Loc Code			- - - -		
_ >	<b>*D2741 *D2741*</b> Blade, 350 Skidtube	Manufactured	No		250	Each	33.0000	! <b>**</b>	1	12-61	31-90.	_
				Location ST ST466 71856 76984	<u>L</u>	-10 43 1 32	Loc Code			- - -		

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W/O:	·		V	<b>VORK ORDER CHANG</b>	ES					•
DATE	STEP	PRO	CEDURE CH	Ву	C	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
										•
Part No		PAR #:								
	R	esolution:	Disposit	ion:	_ QA: N/C	Close	ed:		Date: _	
NCR:		V	WORK OR	DER NON-CONFORMA	NCE (N	CR)				
DATE	STEP	Description of NC Section A	<b>Initial</b> Chief Eng	Corrective Action Section Action Description Chief Eng	Sig	n &	Verification Section C		Approval Chief Eng	Approval QC inspector
				Shioi Eng						
		,								

March\*21-12 11:55:32 AM

Work Order ID: 81947

Parent Item:

D350-636-011

Parent Item Name: Skidtube LH

\*81947\*

\*D350-636-011\*

**Start Date:** 21/03/2012

**Required Date:** 04/04/2012

Start Qty: 1.00

Required Qty: 1.00

D3532-1

Manufactured

No

250

Each

39.0000

2

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Location ST053

78839

39 39

Loc Qty

Loc Code

March-21-12 11:55:32 AM

**Shop Packet Print** 

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Dart Ae	rospace	e Ltd						•
W/O:			W	ORK ORDER CHANGE	S			, ,
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								•
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQA:	Date: _	·
	R	esolution:	Disposition	n:	QA: N/C CI	osed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORMAI	NCE (NCR	3)		
		Description of NC		Corrective Action Section	n B	Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Verification	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector			
							-				

	QTY -041	QTY -042	QTY -043	QTY -044	PART NUMBER	DESCRIPTION
	X				D2750-041	350 SKIDTUBE ASSEMBLY, LH
•		Х			D2750-042	350 SKIDTUBE ASSEMBLY, RH
			X		D2750-043	350 SKIDTUBE ASSEMBLY, LH
				X	D2750-044	350 SKIDTUBE ASSEMBLY, RH
	1	1	1	1	D2739	WEB
	8	8	8	8	D2743	SPACER
	1	1	1	1	D2744	CAP
	8	8	8	8	D2745	BUSHING
	1				D2750-1	SKIDTUBE WELDMENT, LH
		1			D2750-2	SKIDTUBE WELDMENT, RH
			1		D2750-3	SKIDTUBE WELDMENT, LH
				1	D2750-4	SKIDTUBE WELDMENT, RH
	1		1		D3488-041	BLADE FITTING, LH
		1		1	D3488-042	BLADE FITTING, RH
	4	4	4	4	D3490-1	SPACER
	4	4			D3490-3	SPACER
			4	4	D3490-5	SPACER
	8	8	8	8	D3492-041	PLUG ASSEMBLY
	8	8			D3492-043	PLUG ASSEMBLY
			8	8	D3492-045	PLUG ASSEMBLY
	1 _	1	1	1	D3535-25	WEARSHOE
	1	1	1	1	D3536-25	GASKET
Æ	3	3	3	3	D3537-1	WEARPAD
	8	8	8	8	D3631-1	WASHER
Г	1	1	1	1	D3791-1	WEARPLATE
	1	1	1	1	D3793-1	WEARSHOE
$\wedge$	1	1	1	1	D3793-3	WEARSHOE
Æ i	1	1	1	1	D3794-1	GASKET
L	1	1	1	1	D3794-3	GASKET
_	<u> </u>					
Æ	38	38	38	38	ALS4-1032-225	INSERT (OR ALS7-1032-225, AKS4-1032-225, AELS-1032-225)
— L	34	34	34	34	AN3C5A	BOLT
_	4	4	4	4	AN3C6A	BOLT
	4	4	4	4	AN6C44A	BOLT
	1	1	1	1	AN8C35A	BOLT
A	38	38	38	38	AN960C10L	WASHER
/F\	1	1	1	1	AN960C816L	WASHER
_	4	4	4	4	MS21043-6	NUT
	1	1	1	1	MS21083C8	NUT
	4	4	4	4	NAS1515H3L	WASHER

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER MLJ

F	INCORPORATE DSI 9413: OTY (3) D337-1 WAS OTY (5) (ZN C8-1): D379-1-7-3 REPLACES D3535-137-35 (ZN C8-1): D3794-1-7-3 REPLACES D3535-137-35 (ZN B8-1): ADD D3791-1 (ZN C8-1); WEARSHOE HOLES UNDER FWDIAFT SADDLE REMOVED (8 PL), WEARSHOE HARDWARE OTY UPDATED (ZN B8-1); D3488-041-042 HARDWARE UPDATED (ZN C1-8, 9, 10, 11); ADD NOTE 12 AND 13 (ZN A6-1); REASON. REF. NOK 08-043	РН	08.07.16
E	CHANGE TO STAINLESS STEEL WEARPLATES, ADD RUBBER GASKETS; CHANGE INSERTS, ADD D3631-1; REMOVE QTY (38) NAS1515H3L, REMOVE QTY (10) NAS1515H8L, REMOVE D2741, QTY (2) AN960C616; REMOVE QTY (2) MS21033C8	СВ	07.05.17
D	ADD HOLES AND SPACERS FOR APICAL FLOATS; INCORPORATE DEO 9133/9157	PH	06.01.05
С	ADD D2750-3/D2750-4; INCORPORATE D2738 AND D2740	CP	98.11.18
В	CHANGE MS24694-S293 TO AN8-16A	CP	98.09.01
Α	NEW ISSUE	DS	98.04.16
REV.	DESCRIPTION	BY	DATE

DESIGN	₽₽,	□ DART AEROSPACE USA, INC.	- 1			
DRAWN	REL	PORT HADLOCK, WA.				
CHECKED	1	DRAWING NO. REV.	F			
MFG. APPR.	MO	D2750 SHEET 1 OF 1	11			
APPROVED	11	TITLE SCALI	Ε			
DE APPR.	- W	350 SKIDTUBE ASSEMBLY NTS	s			
DATE 08.0	7.16	COPYRIGHT © 1998 BY DART AEROSPACE USA, INC. THE DOCUMENT E PRINT LAND COMPETITION, AND IS SUPPLIED ON THE EXPRESS CONSTROY THAT IT IS	٦			

**GENERAL NOTES:** 

MATERIAL: MAKE D2750-1/-2/-3/-4 FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).

FINISH:

ACID ETCH, ALONDE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.

POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3

BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).

TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

UNITS: INCHES UNLESS OTHERWISE NOTED

BREAK SHARP EDGES: N/A

IDENTIFICATION: N/A

WEIGHT: D2750-041/-042/-043/-044 = 26.5 LBS

WEID PER DART QSI 004

WEIGHT: D2750-041/-042/-043/-044 = 26.5 LBS
WELD PER DART QSI 004
INSTALL AL.S4-1032-225 INSERTS AFTER FINISH AS INDICATED. DRILL 'F' SIZE HOLES (Ø 0.297) FOR WEARSHOE INSERTS
FINAL CONFIGURATION SHOULD HAVE THE FOLLOWING MINIMUM MECHANICAL PROPERTIES:
MINIMUM YIELD TENSILE STRENGTH = 35 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
SPRAY INSIDE OF TUBE WITH A COAT OF LPS LABORATORIES "LPS-3" AFTER FINISH AND AFTER INSTALLATION OF INSERTS.
COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF

POWDER COATING WITH MEK DEGREASER.
SPACER AND PLUG INSTALLED SAME AS SECTION AJ-AJ EXCEPT HORIZONTAL
SPACER AND PLUG INSTALLED SAME AS SECTION AP-AP EXCEPT HORIZONTAL

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S. OB COL

D2750-041 350 SKIDTUBE ASSEMBLY, LH

D2750-042 350 SKIDTUBE ASSEMBLY, RH



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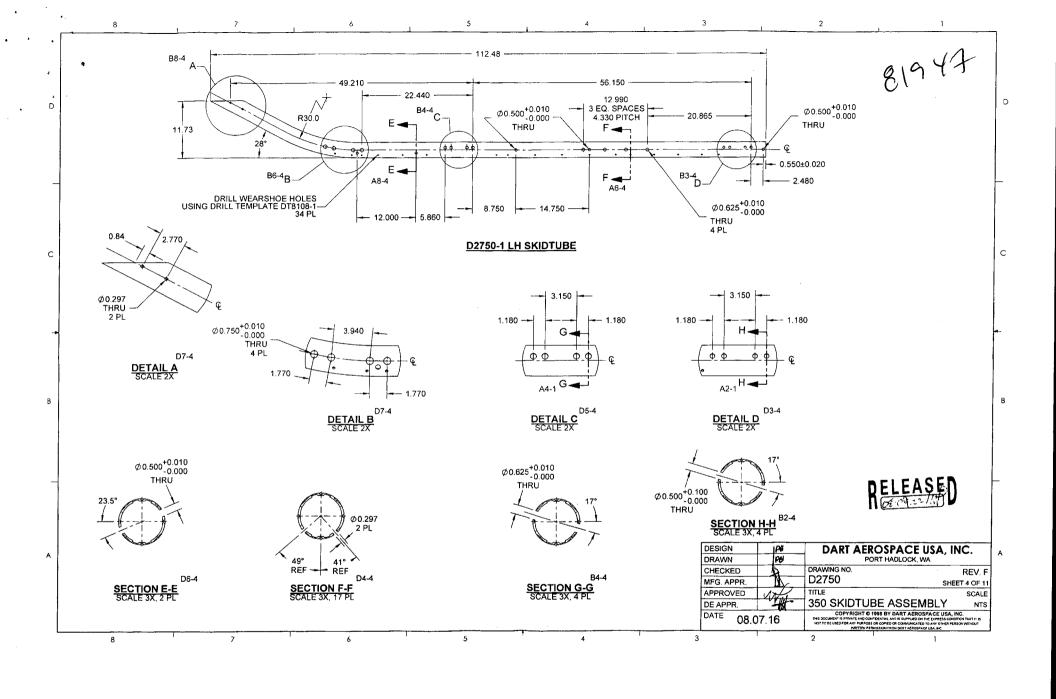
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81947 D2750-044 350 SKIDTUBE ASSEMBLY, RH D2750-043 350 SKIDTUBE ASSEMBLY, LH DART AEROSPACE USA, INC.
PORT HADLOCK, WA DESIGN DRAWN CHECKED DRAWING NO. REV. F D2750 MFG. APPR. SHEET 3 OF 11 APPROVED TITLE SCALE 350 SKIDTUBE ASSEMBLY

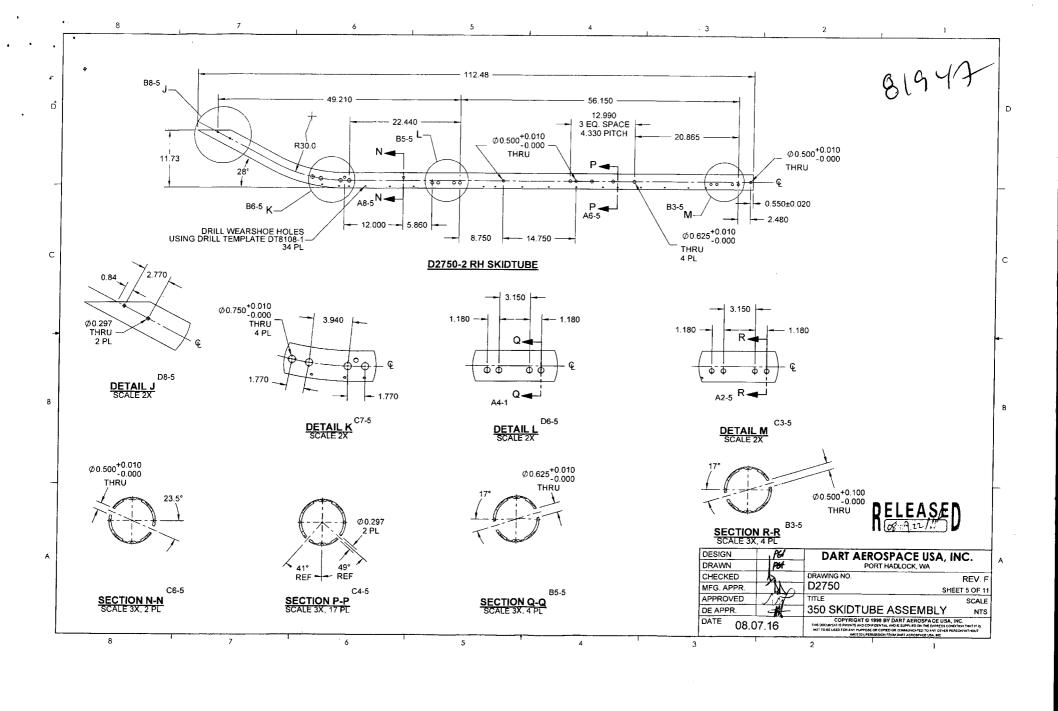
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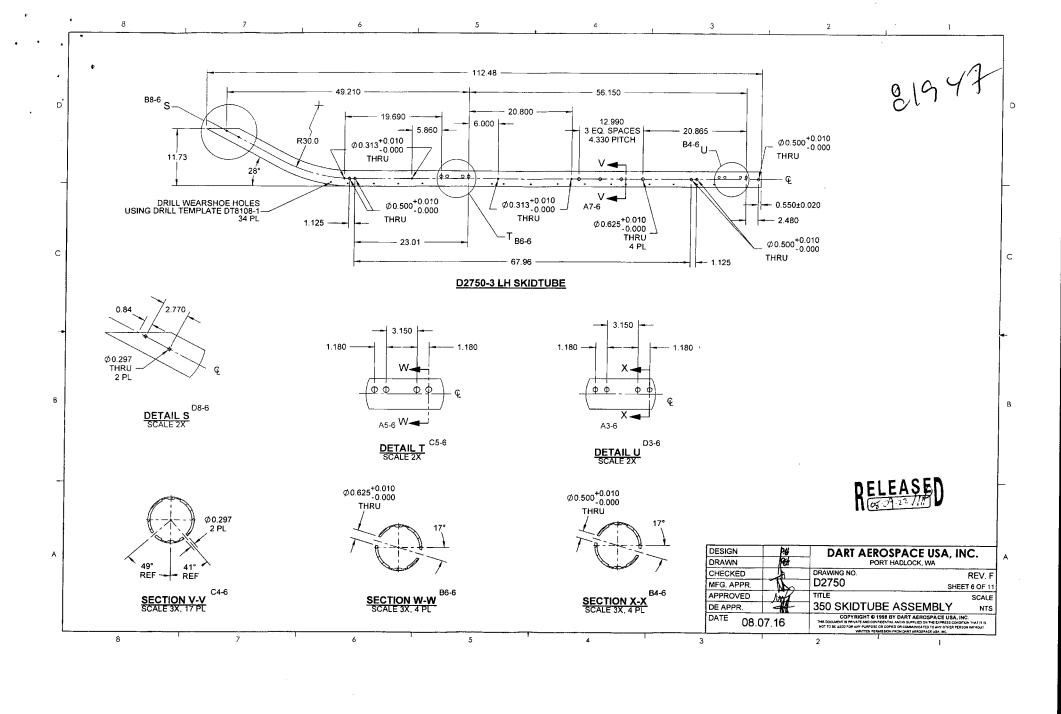
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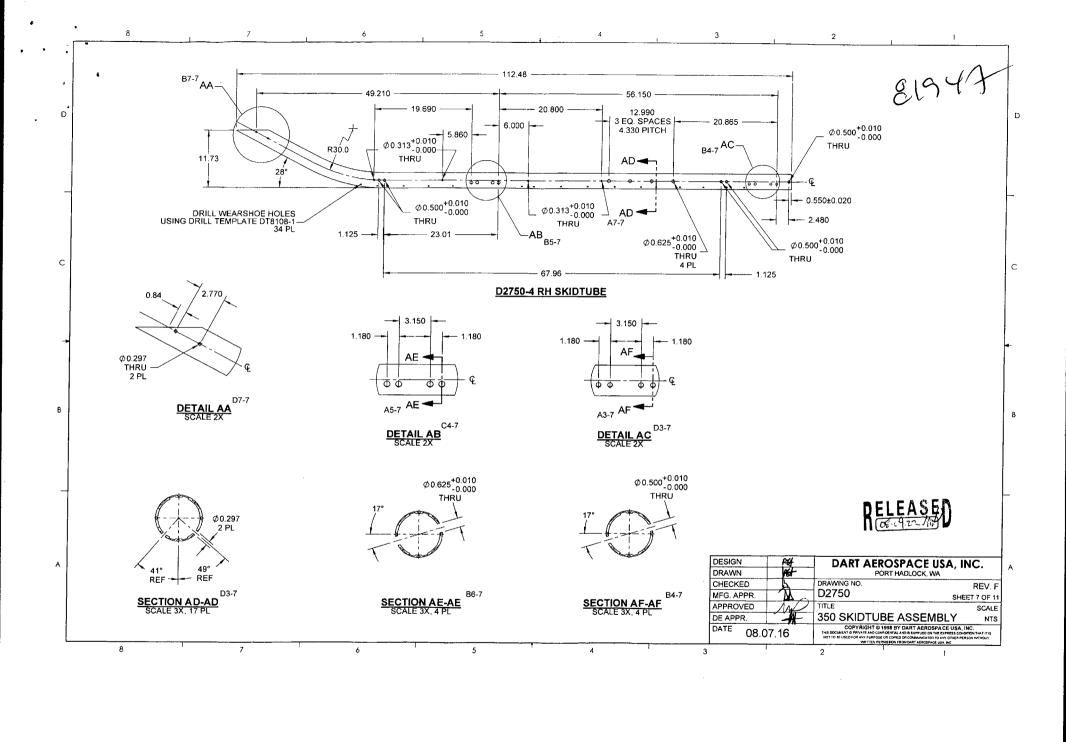
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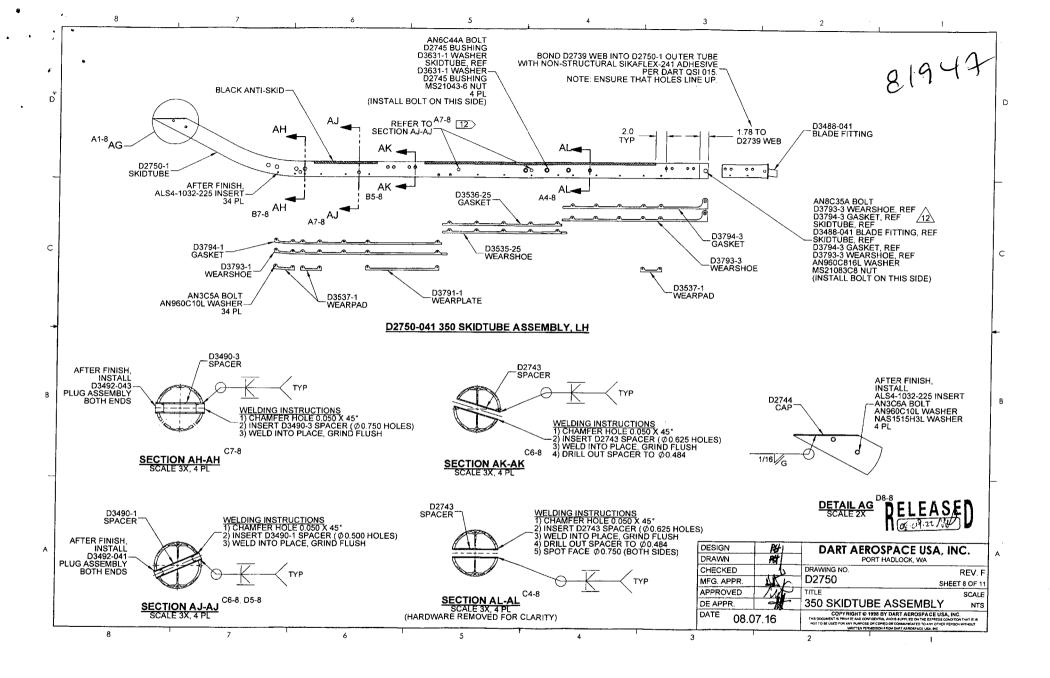


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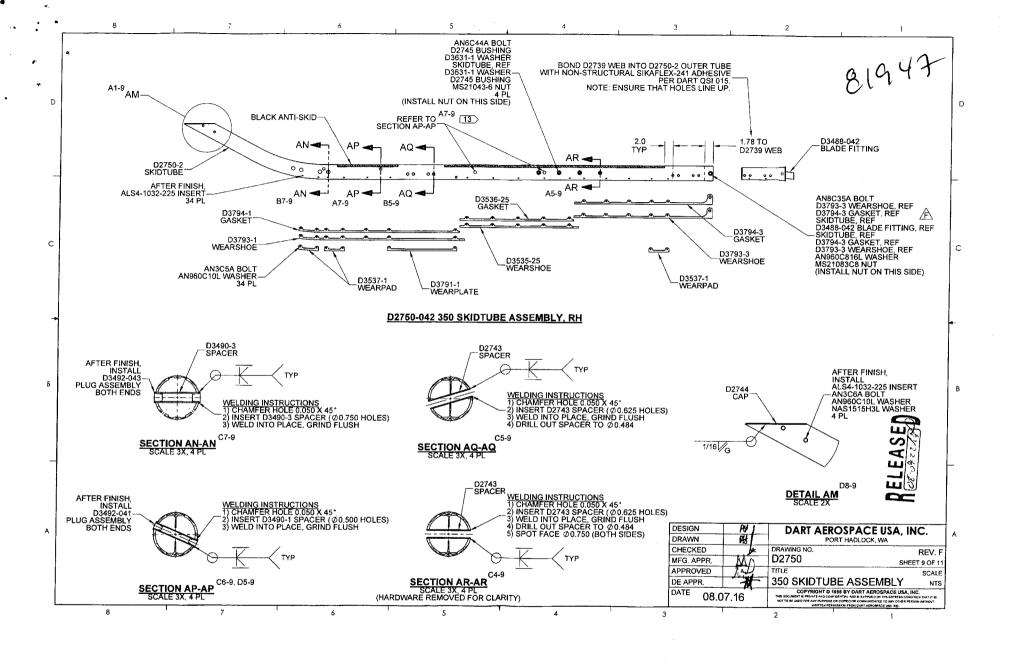
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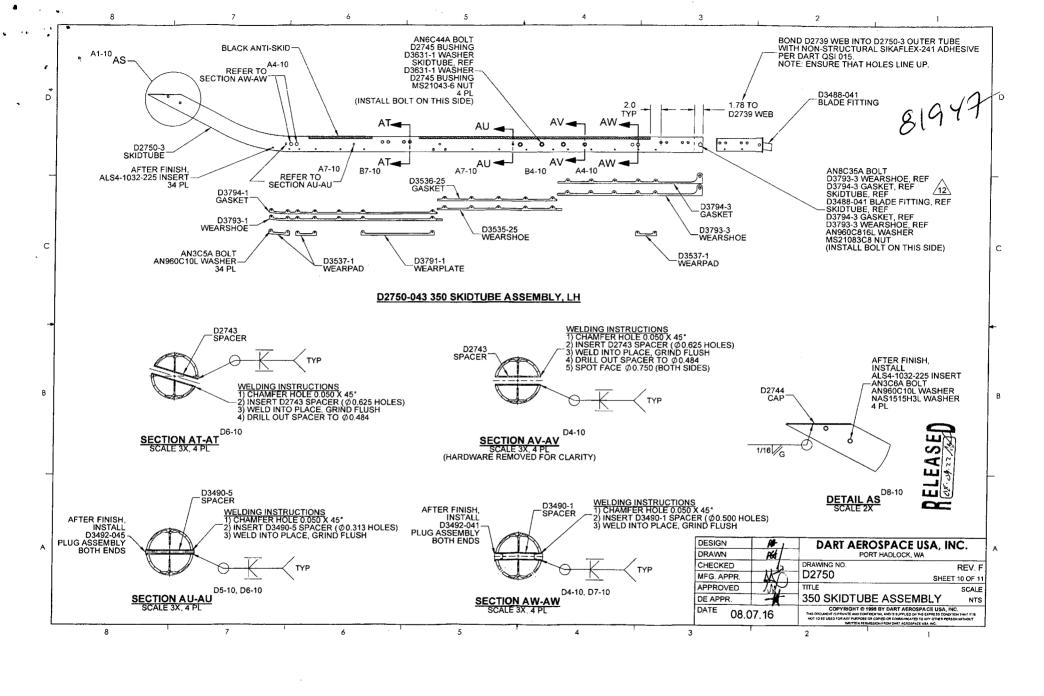
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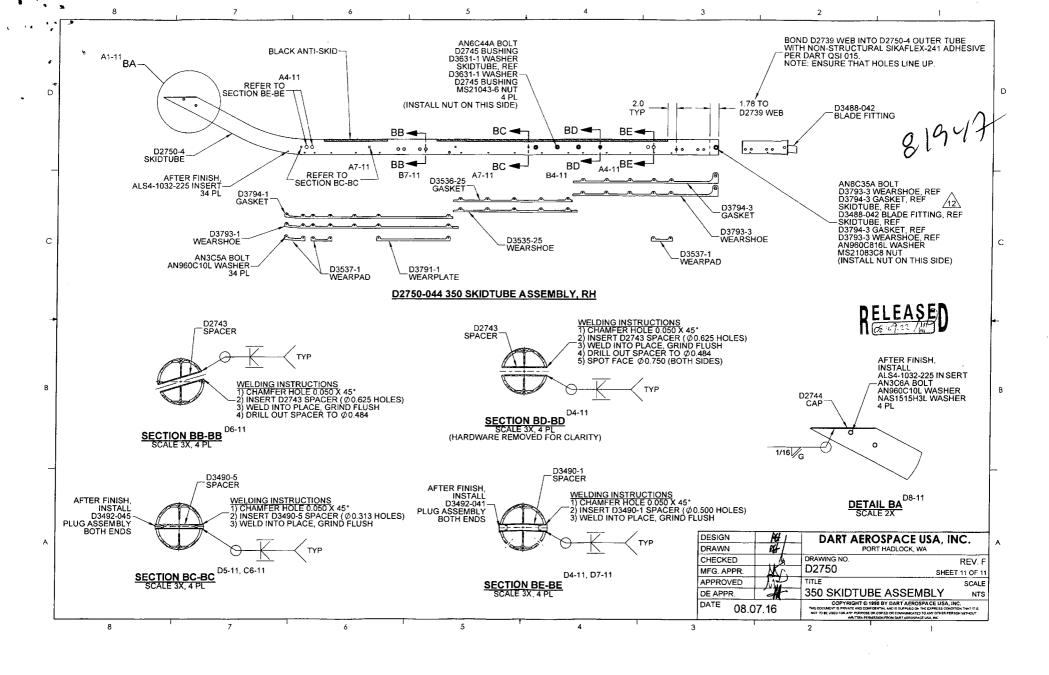
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NO. **186** 

# AWS D17.1.2001 QUALIFICATION TEST RECORD

P i Cult	
Name: Barclay Elliott	
Job number: <u>82/89</u>	
Part number: $1350 - 636 - 0$	12
Description: Skid Hube	
Welding Process: Tig[   Mig[ ]	·
Base materiel: <u>Alum</u>	
Current: AC[ of DC[ ]	

# TEST REQUIREMENTS AND RESULTS

Visual: Penetration:	pass[4]	fail[ ] fail[ ]
UNACCEPTABLE		
Cracks: Undercut: Pin holes: Overlap (cold lap) Porosity (surface): Coloration:	pass[] pass[] pass[] pass[] pass[] pass[]	fail[ ] fail[ ] fail[ ] fail[ ]
Qualifier Jawa Aund Welder Borlay Ellion		est Coupon <u>12.04.03</u> Test Coupon <u>12-04-0,3</u>

The above named individual is qualified in accordance with AWS D17.1.2001 to weld